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STATE OF MONTANA

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DEPARTMENT OF COMMERCE

DIVISION OF BUSINESS
AND PROFESSIONAL LICENSING

MILK CONTROL BUREAU

1424 E. 9TH AVENUE
CAPITOL STATION

HELENA, MONTANA 59620-0422

* * * * * * * * * * * * *

RECAP OF MILK RECEIPTS AND UTILIZATION IN MONTANA

* * * * * * * * * * * * *

JUNE 1, 1981 THROUGH DECEMBER 31,1981

2ND. HALF YEAR 1981

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DEPARTMENT OF COMMERCE

DIV. BUSINESS & PROFESSIONAL LICENSING

TED SCHWINDEN, GOVERNOR

1424 9TH AVENUE

STATE OF MONTANA

(406) 449-3494 449-3163

HELENA, MONTANA 59620

MILK CONTROL BUREAU

May 24,1982

Mr. Curtis C. Cook, Chairman
and Members of the Board.

RE: Statistical Report for the Calendar year 1981, and Second Half Year 1981.

Dear Mr. Cook and Board:

Enclosed is a report of Milk receipts and utilization for the State of Montana. Audited figures are compiled from the twelve Milk Plants who did business in Montana during the year 1981.

Reported figures are compiled for the Producer-Distributor's, Out-Of-State Distributor's and Import Jobbers.

Our Audit program on an average is current to within three months.

Per-Capita consumption figures are included in the report.

Sincerely,

William E. Ross

William E. Ross
Bureau Chief

"AN EQUAL OPPORTUNITY EMPLOYER"

MILK CONTROL BUREAU

BOARD MEMBERS

NAME	DATE TERM EXPIRES
Curtis C. Cook, Chaiman P.O.Box 408, Hamilton, Mt. 59840	JANUARY 1,1983
Kenneth Mortag, Vice-Chairman P.O.Box 236, Cascade, Mt. 59421	JANUARY 1,1985
Mrs. Rae M. Hass, Member P.O.Box 198, Helena, Mt. 59602	JANUARY 1,1983
Mrs. Evelyn Itcaina, Member Dodson, Mt. 59524	JANUARY 1,1985
Bobby W. Johnson, Member 1103 Pleasant St. Miles City, Mt. 59301	JANUARY 1,1985

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NAME	POSITION
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Robert Wood	Department Legal Counsel
Arthur M. McLaren	Auditor III
Terrance W. Baeth	Auditor I
Roy L. Hemry	Auditor I
Bill Kenneth	Auditor I
Amy Robertson	Auditor I
Fern V. Lang	Administrtive Secretary
Terry Thompson	Statistical Clerk III

RECAP OF MILK UTILIZATION IN MONTANA FOR THE 2ND. HALF YEAR,1981

TOTAL POUNDS OF GRADE A MILK PRODUCED BY MONTANA PRODUCERS AND SOLD TO MONTANA PROCESSORS (including N.W.D.A. PRODUCERS). . . . . = 147,887,655 LBS.

**TOTAL Producer Milk Utilization

	Product	Percentage	Butterfat
CLASS I	100,728,407	68.11%	2,891,822
CLASS II	20,189,575	13.65%	971,963
CLASS III	26,969,673	18.24%	1,414,799
TOTAL	147,887,655	100.00%	5,278,584

TOTAL POUNDS OF MILK PRODUCED AND SOLD BY PRODUCER-DISTRIBUTORS. . = 776,218 LBS.

**Producer-Distributor Utilization

CLASS I	721,147	92.91%	24,302
CLASS II	1,800	.23%	72
CLASS III	53,271	6.86	2,110
TOTAL	776,218	100.00%	26,484

TOTAL POUNDS OF GRADE A MILK IMPORTED. . . . . = 9,977,951 LBS.

IMPORTED MILK UTILIZATION

CLASS I	3,160,254	35.96%	116,533
CLASS II	6,670,286	63.19%	222,920
CLASS III	147,411	.85%	59,686
	9,977,951	100.00%	399,139

*****TOTAL MILK RECEIVED FROM GRADE B PLANTS AND PATRONS. . . . . = 167,719 LBS.

SWEET CREAM BUTTER

CLASS III	108,253	64.54%	87,056

UNGRADED RECEIPTS

CLASS III	18,678	11.14%	4,736

RECONSITITUTED

CLASS II	20,728	12.36%	-0-
CLASS III	20,060	11.96%	-0-
TOTAL	167,719	100.00%	91,792

TOTAL MILK FROM ALL SOURCES . . . . . .= 158,809,543 LBS.

Milk Utilization from ALL Sources

CLASS 1	104,609,808	65.87%	3,032,657
CLASS II	26,882,389	16.93%	1,194,955
CLASS III	27,317,346	17.20%	1,568,387
TOTAL	158,809,543	100.00%	5,795,999

*** Add together for total licensed production in Montana

*****The 167,719 pounds of Grade B and Patron receipts were reclassified as follows:

	Product	Percentage	Butterfat
CLASS II	128,981	76.90%	87,056
CLASS III	38,738	23.10%	4,736
	167,719	100.00%	91,792

Following is a Breakdown indicating Utilization of Total Producer Milk Deliveries for the Second Half year, 1981. Production is listed in Market Area where plant responsible for marketing milk is located.

MARKET AREA	TOTAL POUNDS MILK PRODUCED	POUNDS OF MILK USED CLASS I	POUNDS OF MILK USED CLASS II	POUNDS OF MILK USED CLASS III
I (Bozeman)	36,108,196	21,940,797	4,353,105	9,814,294
II (Billings)	26,936,480	22,576,345	1,849,052	2,511,083
III (Miles City)	(NONE - NO DISTRIBUTOR IN THIS AREA)			
IV (Plentywood)	(NONE - NO DISTRIBUTOR IN THIS AREA)			
V (GLENDIVE)	5,698,305	4,174,365	467,195	1,056,745
VI (Havre)	8,429,053	6,457,091	737,883	1,234,079
VII (Lewsitown)	(NONE -NO DISTRIBUTOR IN THIS AREA)			
VIII (Great Falls)	17,353,769	12,291,353	2,174,939	2,887,477
IX (Kalispell)	11,000,489	8,350,757	2,207,491	442,241
X (Missoula)	28,959,469	13,208,406	7,708,619	8,042,444
XI (Butte)	9,678,207	8,663,824	98,948	915,435
XII (Helena)	3,723,687	3,065,469	592,343	65,875
TOTAL	147,887,655	100,728,407	20,189,575	26,969,673
PERCENTAGE	100.00%	68.11%	13.65%	18.24%

Weighted Average Blend Price Before Freight (Farm to Plant) for ALL Producer Milk of the Twelve Montana Processing Plants Based on Montana Minimum Prices. The Prices are Quoted by the Market Area in which the plant is located.

MARKET AREA	YEAR 1977	YEAR 1978	YEAR 1979	1st½ YEAR 1980	2nd½ YEAR 1980	1st½ YEAR 1981	2nd½ YEAR 1981	YEAR 1981
I (BOZEMAN)	$10.09	10.83	11.62	11.98	12.75	13.11	13.12	13.12
II (Billings)	$10.42	11.32	12.25	12.87	13.51	13.92	13.73	13.82
III (Miles City	$ (NONE- No Distributors in this area)							
IV (Plentywood)	$ (NONE- No Distributors in this area)							
V (Glendive)	$ 9.86	10.77	11.68	12.00	12.62	13.05	12.92	12.99
VI (Havre)	$10.29	11.06	11.96	12.69	13.38	13.73	13.52	13.63
VII (Lewistown)	$ (NONE- No Distributors in this area)							
VIII (Great Falls)	$10.20	10.94	12.25	12.90	13.68	14.01	13.72	13.86
IX (Kalispell)	$10.20	11.05	12.18	13.04	13.65	14.19	13.80	13.98
X (Missoula)	$ 9.76	10.31	11.44	12.00	12.73	12.88	12.68	12.78
XI (Butte)	$10.56	11.16	12.24	12.91	13.52	13.84	13.79	13.80
XII (Helena)	$10.49	11.14	12.21	12.86	13.59	14.20	13.93	14.07
WEIGHTED AVERAGE BLEND PRICE	$10.14	10.87	11.92	12.48	13.19	13.53	13.36	13.44

Seven out of Twelve plants paid Blend Prices over $13.00 per hundredweight in the first half year,1980 compared to 0 out of Twelve plants paying Blend Prices over $14.00 in the Second half year of 1981. Eight out of twelve plants paid Blend Prices over $13.50 in second half year 1981.

In the Second half year, 1980, Licensed Montana Producers sold to Montana Processors 129,249,590 pounds of Grade A Milk at a weighted average test on 3.56%. They received a total of $17,053,018.08 or a weighted average blend price of $13.19 for all milk sold, In the Second Half year, 1981, Licensed Montana Producers sold to Montana Processors 140,391,310 pounds of Grade A milk at a weighted average test of 3.56%. They received a total of $18,752,186.43 or a weighted average blend price of $13.36 per hundredweight for all milk sold. (These prices represent payment before freight allowances from farm to plant were withheld and does not represent Northwest Dairymen's Association production or value.)

Northwest Dairymen's Association produced an additional 7,496,345 pounds of milk in Montana during this period. The milk tested an average of 3.68%. They received a reported gross value of $1,034,706.75, a weighted average blend price before freight on $13.80. NWDA producers milk is marketed by Gallatin Dairies Inc. and included in Area I, but producers are paid by a Distributor based in Washington State.

As of December 31,1981, there were 12, distributors or processing plants and 16 out-of-state distributors licensed to do business in Montana. 73 jobbers, 5 import jobbers and 11 producer-distributors (one being a goat dairy) were also licensed in the state. 287 producers licenses were issued to producers selling in state (13 of these were to producers living out-of-state selling milk in and also 22 of these producers licenses issued live in-state and sell out of state.)

Reports indicate there were 23,294 Grade A dairy animals in Montana (this number includes those belonging to Montana producers living out-of-state). These 23,249 cows and 45 goats produced 148,663,873 pounds of Grade A milk (an average of 6,382 pounds each) during the period at an average butterfat test of 3.57%. The number of cows belonging to producers only was 22,839, their production was 147,887,655 pounds of Grade A milk (an average of 6,475 per cow) over the period of the second half year 1981. 965 of the total cows listed belong to producers living out-of-state and shipping their milk to distributors in Montana.

Per capita consumption figures are more meaningful on an annual basis and will be included in the 1981 Full Year Annual Report.

SECOND HALF YEAR 1981 PRODUCER USAGE BREAKDOWN
(Does not include Northwest Dairymen's Assoc. Production or value)

MONTANA PRODUCERS USAGE =	PRODUCT POUNDS	BUTTERFAT	PERCENTAGE OF USAGE
CLASS I. . . . .=	96,183,977	2,757,013	68.[illegible]1%
CLASS II. . . . =	19,280,416	927,986	1[illegible].7%
CLASS III. . . .=	24,926,917	1,317,834	17.76%
TOTAL. . . .=	140,391,310	5,002,833	100.00%

AUDIT VALUE $18,752,186.43
BLEND PRICE. $13.36
BUTTERFAT 0356

RECAP OF MILK HANDLED AND DISPERSED IN MONTANA FOR THE SECOND HALF YEAR 1981.

RECEIPTS	PRODUCT	BUTTERFAT
Beginning Inventory - Packaged	1,128,195	32,819
Beginning Inventory - Bulk	971,815	35,211
Producer Receipts	140,391,310	5,002,833
Receipts Other Source - Class I Packaged (Above are Transfers between Montana Plants)	(456,889)	(9,628)
Receipts Other Source - Class I Packaged (Above are IMPORTS into Montana)	1,411,432	51,631
Receipts Other Source - Class I Packaged-STERILE (Above are IMPORTS into Montana)	80,979	16,425
Receipts Other Sources - Class I Bulk N.W.D.A.	4,544,430	134,809
Receipts Other Source - Class I Bulk (Above are Transfers between Montana Plants)	(2,343,989)	(65,304)
*Receipts Other Source - Class II Packaged (Above are Imports into Montana)	5,366,199	128,586
Receipts Other Source - Class II Bulk N.W.D.A.	909,159	43,977
Receipts Other Source - Class II Bulk (Above are Transfers between Montana Plants)	(425,419)	(26,465)
*Receipts Other Source - Class III Packaged (Above are Imports into Montana)	40,417	11,640
Receipts Other Source - Class III Bulk N.W.D.A.	2,042,756	96,965
Receipts Other Source - Class III Bulk (Above are Transfers between Montana Plants)	(569,096)	(74,409)
Receipts Other Source - Class III Bulk Ungraded	18,678	4,736
Receipts Other Source - Class III Bulk Imported	-0-	-0-
Receipts Other Source - Class III Packaged Butter (Imports)	44,698	25,894
Receipts Other Source - Class III Bulk Butter (Above are Receipts from Grade "B" Plants in Montana).	108,253	87,056
Receipts Other Source - Class III Bulk Reconstituted	40,788	-0-
Additives	337,490	-0-
SUB-TOTAL RECEIPTS OF MONTANA DISTRIBUTORS	157,436,599	5,672,582
PRODUCER -DISTRIBUTOR Receipts	798,418	27,145
OUT-OF-STATE DISTRIBUTOR Receipts	3,034,256	167,963
TOTAL RECEIPTS OF THE STATE OF MONTANA	161,269,273	5,867,690

Production of Grade "A" Milk in Montana, including Producer,Producer-Distributors was 148,686,073 pounds Total for the Second Half Year, 1981.

MILK IMPORTED = 9,977,981 LBS. 402,139 B.F.
MILK EXPORTED = 20,000,114 LBS. 674,993 B.F.

* For more complete breakdown on Class II and III Packaged Imports see page 6 .

GLASS I, II AND III UTILIZATION FOR THE SECOND HALF YEAR 1981.

CLASS I USAGE:	PRODUCT	BUTTERFAT
Class I Packaged Sales	100,026,040	2,799,549
Packaged Sales STERILE	(80,979)	(16,425)
Packaged Sales Out-Of-State	(6,661,616)	(178,457)
Packaged Sales between Montana Plants (TRANSFER)	(458,982)	(10,017)
Bulk Sales to Other Montana Processing Plants (TRANSFER)	(2,373,106)	(68,791)
Glosing Packaged Inventory	1,313,734	38,154
SUB-TOTAL OF MONTANA DISTRIBUTORS	101,339,774	2,837,703
PRODUCER-DISTRIBUTOR (Glass I Packaged Sales)	721,147	24,302
OUT-OF-STATE DISTRIBUTORS (Class I Packaged Sales)	1,667,843	48,477
TOTAL GLASS I USAGE:	103,728,764	2,910,482
CLASS II USAGE:		
Ice Cream (All forzen mixes)	7,360,670	643,714
Ice Cream (All liquid mixes)	574,485	38,677
Cottage Cheese	14,734,040	142,110
Sour Cream & Dips	1,067,353	210,559
Yogurt	1,058,877	21,178
Novelties	298,427	13,787
Packaged Sales (EXPORTS)	(1,259,715)	(56,473)
Bulk Sales (between Montana Plants)	(445,483)	(44,690)
Bulk Sales (EXPORTED)	-0-	-0-
Bulk Sales to Grade "B"Plants	701,302	74,745
SUB-TOTAL GLASS II USAGE (Montana Processors)	25,795,154	1,144,770
PRODUCER-DISTRIBUTOR -Sour Gream	(1,800)	(72)
OUT-OF-STATE DISTRIBUTOR (Glass II Packaged)	1,304,087	117,334
TOTAL GLASS II USAGE:	27,099,241	1,262,104
GLASS III USAGE:		
Butter	477,880	177,493
Cheddar Cheese	5,895,916	184,823
Bulk Sales (between Montana plants)	(492,671)	(51,634)
Packaged Sales (Exported)	(61)	(6)
Bulk Sales (Exported)	12,078,722	440,057
Bulk Sales Grade "B" Plants	6,857,995	609,970
Livestock Feed	72,815	1,803
Dumped	74,820	2,457
Glosing Bulk Inventory	569,924	33,089
SUB-TOTAL GLASS III USAGE:	26,028,072	1,449,692
PRODUCER-DISTRIBUTOR (Livestock Feed)	13,900	556
PRODUGER-DISTRIBUTOR (Gheese Plant)	13,000	520
PRODUGER-DISTRIBUTOR (Glass III Bulk)	26,371	1,034
OUT-OF-STATE DISTRIBUTOR (Class III Packaged Sales)	62,296	22,152
TOTAL CLASS III USAGE:	26,143,639	1,473,954
TOTAL PRODUCT RECEIVED:	161,269,273	5,867,690
TOTAL PRODUCT AGGOUNTED FOR:	156,971,644	5,646,540
TOTAL SHRINKAGE:	4,297,629	221,150

Bracketed Figures are counted as utilized in products of the classification in which the bracketed () figures are listed.

BREAKDOWN OF UNIT SALES OF FLUID MILK

SECOND HALF YEAR, 1981

AS AUDITED BY THIS OFFICE

PRODUCT	½ Pints	1/3 Quarts	Pints	Quarts	½ Gallons	Single Gallons	Dispenser Gallons	Product Pounds	Average Test	Butterfat Pounds
RAW MILK	-0-	-0-	-0-	-0-	11,458	51,917	-0-	495,780	.0360	17,859
PASTEURIZED MILK	-0-	-0-	-0-	8,320	10,039	3,928	-0-	94,836	.0350	3,315
HOMOGENIZED MILK	5,795,256	104,827	287,807	1,136,378	3,435,337	2,096,763	425,754	42,408,280	.0331	1,404,029
CHOCOLATE MILK	1,545,447	30	209,748	264,055	4,809	756	8,278	1,722,267	.0338	58,291
LOW FAT MILK 2%	3,399,748	-0-	-0-	777,550	4,430,262	2,851,864	209,403	48,989,955	.0201	982,846
LOW FAT MILK 1%	-0-	-0-	-0-	-0-	854	37,283	-0-	325,060	.0100	3,235
BUTTERMILK	21,742	-0-	-0-	610,780	40,799	756	4,638	1,550,128	.0138	21,396
SKIM MILK	90,069	-0-	-0-	146,487	677,192	3,076	17,366	3,463,127	.0027	9,399
CHOCOLATE LOW FAT MILK 2%	1,139,642	-0-	126,985	210,328	18,571	1,164	8,460	1,367,122	.0210	28,732
NUTRISH	-0-	-0-	-0-	-0-	20,677	-0-	-0-	89,118	.0200	1,783
CHOCOLATE DRINK	480	-0-	-0-	160	-0-	-0-	1,248	11,374	.0038	43
½&½ CREAM	-0-	-0-	932,476	143,269	-0-	-0-	-0-	1,302,867	.1148	149,520
WHIPPING CREAM	464,569	-0-	219,597	8,722	2,889	-0-	711	510,525	.3421	174,660
COMMERCIAL CREAM	-0-	-0-	455	-0-	-0-	-0-	370	3,613	.2202	795
STERILE ½&½	½oz. = 549,050	3/8oz. = 521,495		1/3oz. = 28,750				29,979	.1000	2,998
STERILE WHIP	6.5oz. = 11,590	14oz. = 20,769		½Pts. = 30,060	Pts. = 11,748			51,002	.2632	13,425
TOTAL CLASS I PACKAGED SALE IN MONTANA were 95,753,417 Pound Product 2,693,869 Butterfat an average test of 2.81%; the rest of above were sold out of state.								102,415,033	.0280	2,872,326

BREAKDOWN OF CLASS II AND III PACKAGED IMPORTS

IMPORTED CLASS II AND III PACKAGED PRODUCTS, BY MONTANA AND OUT-OF-STATE DISTRIBUTORS:

(SECOND HALF YEAR, 1981)

PRODUCT:	GALLONS	MILK EQUIVALENTS PRODUCT	MILK EQUIVALENTS BUTTERFAT
CLASS II:			
Ice Cream (All Frozen Mixes)	267,660	938,490	124,684
Ice Cream Mixes (All liquid)	6,298	44,438	3,089
Novelties	84,674	300,071	13,863
TOTAL	358,632	1,282,999	141,636
	POUNDS		
Cottage Cheese	693,481	3,924,445	37,736
Sour Cream & Dips	207,182	207,182	41,436
Yogurt	1,255,660	1,255,660	25,113
TOTAL	2,156,323	3,387,287	104,285
CLASS III:	POUNDS		
Cheese	855	8,550	308
Butter	41,850	94,163	33,484
TOTAL	42,705	102,713	33,792
TOTAL For All Class II and III Packaged IMPORTS:		6,772,999	279,713

BREAKDOWN OF CLASS II AND III PACKAGED EXPORTS

(BY MONTANA DISTRIBUTORS)

PRODUCT	GALLONS	PRODUCT	BUTTERFAT
CLASS II:			
Ice Cream (All Frozen Mixes)	54,843	192,305	25,463
Ice Cream (All liquid Mixes)	5,395	38,142	1,968
Novelties	3,352	11,879	549
TOTAL	68,590	242,326	27,980
	POUNDS		
Cottage Cheese	153,206	863,577	8,408
Sour Cream & Dips	94,465	94,465	18,893
Yogurt	59,286	59,286	1,186
TOTAL	306,957	1,017,328	28,487
CLASS III:			
Butter	5	11	4
Cheddar Cheese	5	50	2
	10	61	6
Total Class II and III Packaged (Exports)		1,259,715	56,473

RECAP OF MILK UTILIZATION IN MONTANA FOR THE CALENDAR YEAR 1981

TOTAL POUNDS OF GRADE A MILK PRODUCED BY MONTANA AND SOLD TO MONTANA PROCESSORS (including Northwest Dairymen's Association milk).....290,071,538 LBS.

** TOTAL Producer Milk Utilization

	PRODUCT	P centage	Butterfat
Class I	195,079,319	67.25%	5,544,176
Class II	39,974,337	13.78%	1,887,992
Class III	55,017,882	18.97%	2,846,432
TOTAL	290,071,538	100.00%	10,278,600

TOTAL POUNDS OF MILK PRODUCED AND SOLD BY PRODUCER-DISTRIBUTORS = 1,545,219 LBS.

**Producer-Distributor Utilization

CLASS I	1,361,007	88.08%	46,946
CLASS II	71,285	4.61%	1,484
CLASS III	112,927	7.31%	6,017
TOTAL	1,545,219	100.00%	54,447

TOTAL POUNDS OF GRADE A MILK IMPORTED . . . . . = 18,784,810 LBS.

Imported Milk Utilization

CLASS I	6,327,591	33.68%	216,867
CLASS II	12,235,601	65.14%	460,237
CLASS III	221,618	1.18%	90,033
TOTAL	18,784,810	100.00%	767,137

TOTAL DOWNGRADED PRODUCER MILK RECEIVED BY GRADE A PLANTS. . .= 4,165 LBS.

Downgrade Milk Utilization

Class III	4,165	100.00%	82

****TOTAL MILK RECEIVED FROM GRADE B PLANTS AND PATRONS . . . = 618,220 LBS.

SWEET CREAM BUTTER

Class III	151,002	24.43 %	121,707

UNGRADED RECEIPTS

Class III	35,382	5.72%	10,200

RECONSTITUTED

Class II	23,728	3.35%	-0-
Class III	411,108	66.50%	-0-
TOTAL	618,220	100.00%	131,907

TOTAL MILK FROM ALL SOURCES . . . . . .= 311,023,952 LBS.

Milk Utilization From All Sources

Class I	202,767,917	65.19%	5,807,989
Class II	52,301,951	16.82%	2,349,713
Class III	55,954,084	17.99%	3,074,471
TOTAL	311,023,952	100.00%	11,232,173

** Add together for total licensed production in Montana.

*** The 618,220 pounds of Grade B and Patron receipts were reclassified as follows:

CLASS II	270,694	43.79%	87,056
CLASS III	347,526	56.21%	44,851
TOTAL	618,220	100.00%	131,907

Following is a Breakdown indicating Utilization of Total Producer Milk Deliveries for Calender Year 1981. Production is listed in Market Area where Plant responsible for Marketing Milk is located.

MARKET AREA		TOTAL POUNDS MILK PRODUCED	POUNDS OF MILK USED CLASS I	POUNDS OF MILK USED CLASS II	POUNDS OF MILK USED CLASSIII
I	(Bozeman)	71,172,090	41,558,725	8,731,246	20,882,119
II	(Billings)	53,623,362	43,790,165	3,767,056	6,066,141
III	(Miles City)	(NONE - No Distributors in the Area)			
IV	(Plentywood)	(NONE - No Distributors in the Area)			
V	(Glendive)	11,478,830	8,225,254	975,535	2,278,041
VI	(Havre)	16,864,633	13,218,414	1,512,319	2,133,900
VII	(Lewistown)	(NONE - No Distributors in the Area)			
VIII	(Gt. Falls)	34,025,358	24,409,338	4,422,317	5,193,703
IX	(Kalispell)	21,181,543	15,983,685	4,222,918	974,940
X	(Missoula)	56,323,626	26,300,523	14,909,132	15,113,971
XI	(Butte)	18,017,285	15,681,049	121,104	2,215,132
XII	(Helena)	7,384,811	5,912,166	1,312,710	159,935
TOTAL		290,071,538	195,079,319	39,974,337	55,017,882
PRECENTAGE		100.00%	67,25%	13.87%	18.97%

Weighted Average Blend Price before Freight (Farm to Plant) for all Producer Milk of the 12 Montana Processing Plants Based on Montana Minimum Prices. The Prices are quoted by Market Area in which the Plant is located.

MARET AREA		YEAR 1975	YEAR 1976	YEAR 1977	YEAR 1978	YEAR 1979	YEAR 1980	YEAR 1981
I	(Bozeman)	$ 8.70	9.61	10.09	10.83	11.62	12.37	13.12
II	(Billings)	9.37	10.04	10.42	11.32	12.25	13.20	13.82
III	(MilesCity)	9.39	9.54	(None- No Distributor in this Area)				
IV	(Plentywood)	(None - No Distributor in this area)						
V	(Glendive)	8.31	9.14	9.86	10.77	11.68	12.32	12.99
VI	(Havre)	9.23	9.71	10.29	11.06	11.96	13.04	13.63
VII	(Lewistown)	(None - No Distributor in this area)						
VIII	(Gt. Falls)	9.13	9.57	10.20	10.94	12.25	13.27	13.86
IX	(Kalispell)	8.65	9.37	10.20	11.05	12.18	13.35	13.98
X	(Missoula)	8.35	9.25	9.76	10.31	11.44	12.36	12.78
XI	(Butte)	9.45	9.88	10.56	11.16	12.24	13.24	13.80
XII	(Helena)	9.46	10.04	10.49	11.14	12.21	13.25	14.07
WEIGHTED AVERAGE BLEND PRICE		8.98	9.58	10.14	10.87	11.92	12.88	13.44

Seven out of twelve plants paid blend prices over $12.00 per hundredweight in the Year 1979, compared to eight of the twelve plants paying blend prices over 13.00 per hundredweight in the Year 1980. Eight of the twelve Processing Plants paid blend prices over $13.50 for year 1981.

In Calendar Year 1980, Licensed Montana Producers sold to Montana Processors 255,011,073 pounds of Grande "A" milk at a weighted average test of 3.65%. They received a total of $32,752,481.87 or a weighted average blend price of $12.88 for all milk sold. In Calendar Year 1981, Licensied Montana Priducers sold to Montana Processors 275,302,769 pounds of Grade "A" milk at a weighted average test of 3.54%. They received a total of $37,001,917.19 or a weighted average blend price of $13.44 per hundredweight for all milk sold. (These prices represent payment before freight allowances from Farm to Plant were witheld and doesn't include Northwest Dairymen's Association production or price).

Northwest Dairymen's Association produced an additional 14,768,769 pounds of milk in Montana. The milk tested an average of 3.62%. They received a reported total of $2,032,569.26, a weighted average blend price before freight of $13.76 NWDA producers milk is marketed by Gallatin Dairies Inc. and included in Area I, but producers are paid by a distributor based in Washington State.

In Calendar year 1980 there were 12 distributors or processing plants and 18 out-of-state distributors licensed to do business in Montana. 73 jobbers, five import jobbers,and 10 producer-distributors (one being a goat dairy) were also licensed in state. 259 producers licenses were issued to producers selling in state (14 of these were to producers living out-of-state). There were also 27 producer licenses issued to producers living in-state and selling out.

In Calendar Year 1981, there were 12 distributors or processing plants and 16 out-of-state distributors licensed to do business in Montana. 73 jobbers, 5 import jobbers and 11 producer-distributors (one being a goat dairy) were also licensed in the State. 287 Producers Licenses were issued to producers selling in State (13 of these producers are living out-of-state and 22 of these producers live in Montana and sell to out-of-state co-operative.

Reports indicate there were 23,294 Grade "A" dairy animals in Montana during the Calendar Year 1981. (This number includes those belonging to Montana producers living out-of-state). These 23,249 cows and 45 goats produced 285,616,757 pounds of Grade "A" milk (an average of 12,261 pounds each) during the year at an average butterfat test of 3.57%. The number of cows belonging to producers only, was 22,839. Their production was 290,071,538 pounds of Grade "A" milk (an average of 12,700 per cow) over the period.

Based on figures from a provisional estimate by the U.S. Census Bureau, the population for the year was 793,000. The cost to consumers for the Milk Control Program (based on fluid milk consumption only) was .002727 per quart. Converting all milk product used by consumers to milk equivalents (including cottage cheese, ice cream, hard cheese and butter) the cost of the program to consumers was $0.001924 per quart or approximately 1.9., mils

The above calculations are based on a total expenditure by this Agency for the Calandar Year 1981, or $237,411.39.

Per capita consumption of fluid milk in Montana using the above population figures was 236.07 pounds or 109.80 quarts. Per capita consumption of all milk products was 313.13 pounds.

RECAP OF MILK HANDLED AND DISPERSED IN MONTANA FOR CALENDAR YEAR 1981.

RECEIPTS	PRODUCT	BUTTERFAT
Beginning Inventory - Packaged	1,445,926	42,444
Beginning Inventory - Bulk	757,669	36,384
Producer Receipts	275,302,769	9,743,809
Receipts Other Source - Class I Pkged. (Above are transfers between Mont.Plants)	(841,265)	17,812)
Receipts Other Source - Class I Pkged. (Above are IMPORTS into Montana)	2,909,800	101,145
Receipts Other Source - Class I Pkged STERILE (Above are IMPORTS into Montana)	119,234	21,823
Receipts Other Source - Class I Bulk N.W.D.A.	8,596,536	248,004
Receipts Other Source - Class I Bulk (Above are transfers between Mont. Plants)	(4,811,461)	(133,286)
*Receipts Other Source - ClassII Pkged. (Above are IMPORTS into Montana)	9,873,284	239,847
Receipts Other Source - Class II Bulk N.W.D.A.	1,815,608	87,399
Receipts Other Source - Class II Bulk (Above are transfers between Mont. Plants)	(1,209,692)	(59,791)
*Receipts Other Source - Class III Pkged (Above are IMPORTS into Montana)	53,521	16,300
Receipts Other Source - Class III Bulk (IMPORTS)	6,610	2,413
Receipts Other Source - Class III Bulk (N.W.D.A.)	4,356,625	199,388
Receipts Other Source - Class III Bulk (Above are transfers between Mont. Plants)	(1,364,592)	(190,288)
Receipts Other Source - Class III Bulk (Above are ungraded and downgraded receipts)	39,547	10,282
Receipts Other Sources - Class III Pkged. Butter - IMPORTS)	84,035	57,362
Receipts Other Source - Class III Pkged Butter (Above are receipts from Grade "B" Plants in Montana)	151,002	121,707
Receipts Other Source - Class III Bulk Reconstituted	431,836	-0-
Additives	668,817	-0-
SUB-TOTAL Receipts of Montana Distributors	306,612,819	10,928,307
Producer-Distributor Receipts	1,567,419	55,108
*Out-Of-State Distributor Receipts	5,738,356	331,244
TOTAL Receipts for the State of Montana	313,918,594	11,314,659

Production of Grade "A" Milk in Montana, including Producers and Producer-Distributors was 291,638,957 pounds Total for the year 1981.

MILK IMPORTED = 18,784,840 product pounds-770,134 Butterfat
MILK EXPORTED = 40,574,149 product pounds-1,309,520 Butterfat

* For more complete breakdown on Class II and Class III Packaged Imports see page 15.

MONTANA PRODUCERS USAGE:	CALANDAR YEAR 1981 PRODUCT POUNDS	BUTTERFAT	PERCENTAGE OF USAGE
CLASS I	186,482,783	5,296,172	67.74%
CLASS II	38,158,729	1,800,593	13.86%
CLASS III	50,661,257	2,647,044	18.40%
TOTAL	275,302,769	9,743,809	100.00%

AUDIT VALUE $37,001,917.27
BLEND PRICE . . . . . $ 13.44
BUTTERFAT TEST. . . . $ .0354

*Above Montana Producers Usage does not include Northwest Dairymen's Association producers production or value.

CLASS I, II AND III UTILIZATION FOR CALENDAR YEAR 1981.

CLASS I USAGE:	PRODUCT	BUTTERFAT
Class I Packaged Sales	195,801,201	5,425,645
Packaged Sales Sterile	(119,234)	(21,823)
Packaged Sales Out-Of-State-EXPORTED	(13,259,825)	(349,900)
Packaged Sales Between Montana Plants	(849,425)	(18,520)
Bulk Sales to other Mont. Processing Plants (TRANSFERS)	(4,840,065)	(137,846)
Closing Packaged Inventory	1,313,734	38,154
SUB-TOTAL of Montana Distributors	197,114,935	5,463,799
PRODUCER-DISTRIBUTORS (Class I Pkged Sales)	1,361,007	46,946
OUT-OF-STATE DISTRIBUTOR (Class I Pkged Sales)	3,298,557	93,896
TOTAL CLASS I USAGE:	201,774,499	5,604,641
CLASS II USAGE:		
Ice Cream (All Frozen Mixes)	13,625,907	1,281,347
Ice Cream (All Liquid Mixes)	591,929	39,569
Cottage Cheese	29,256,039	285,970
Sour Cream & Dips	1,904,877	374,603
Yogurt	1,800,965	39,280
Novelties	592,438	27,364
Packaged Sales (EXPORTS)	(2,899,488)	(108,836)
Bulk Sales (between plants)	(1,226,365)	(116,136)
Bulk Sales (EXPORTED)	1,325,191	13,593
Bulk Sales to Grade "B" Plants	1,370,482	159,024
SUB-TOTAL Class II Usage (Montana Processors)	50,467,828	2,220,750
PRODUCER-DISTRIBUTOR (Class II Bulk)	(69,485)	(1,412)
PRODUCER-DISTRIBUTOR- Sour Cream	1,800	72
Out-Of-State Distributor (Class II Packeged)	2,326,953	218,638
TOTAL CLASS II USAGE:	52,796,581	2,439,460
CLASS III USAGE:		
Cheddar Cheese	11,600,263	359,117
Butter	855,710	320,037
Bulk Sales Between Montana Plants	(1,251,545)	(126,758)
Packaged Sales (EXPORTED)	(61)	(6)
Bulk Sales (EXPORTED)	23,089,584)	837,185
Bulk Sales Grade "B" Plants	15,577,760	1,276,576
Live Stock Feed	111,656	2,785
Dumped	89,948	2,885
Closing Bulk Inventory	569,924	33,089
SUB-TOTAL Class III Usage (Montana Processors)	51,894,845	2,831,674
Producer-Distributor (Livestock Feed)	32,800	1,312
Producer-Distributor (Cheese Plant)	33,900	1,356
Producer-Distributor (Class III Bulk)	26,371	1,034
Producer-Dictributor (Class III Bulk)	(19,856)	(2,315)
Out-Of-State Distributors (Class III Pkged Sales)	112,816	38,710
TOTAL CLASS III USAGE:	52,100,732	2,874,086
TOTAL PRODUCT RECEIVED	313,918,594	11,314,659
TOTAL PRODUCT ACCOUNTED FOR	306,671,812	10,918,187
TOTAL SHRINKAGE	7,246,782	396,472

(Bracketed Figures are counted as utilized in products of the classification in which the bracketed () figures is listed).

BREAKDOWN OF UNIT SALES OF FLUID MILK FOR CALENDAR YEAR 1981

AS AUDITED BY THIS OFFICE

PRODUCT	½PINTS	1/3QUARTS	PINTS	QUARTS	½ GALLON	SINGLE GALLON	DISPENSER GALLON	PRODUCT POUND	AVERAGE TEST	BUTTERFAT POUNDS
RAW MILK	-0-	-0-	-0-	-0-	20,747	100,454	-0-	953,141	.0370	35,245
PASTEURIZED MILK	-0-	-0-	-0-	16,473	19,409	9,613	-0-	201,547	.0354	7,129
HOMOGENIZED MILK	12,902,515	311,064	447,317	2,109,937	6,725,840	4075,873	831,097	83,296,325	.0331	2,755,294
CHOCOLATE MILK	3,775,494	30	351,492	515,579	21,803	756	18,467	3,774,768	.0339	128,041
LOW FAR MILK 2%	7,501,216	-0-	-0-	1,436,631	8,667,769	5,500,071	415,475	95,487,686	.0201	1,917,174
LOW FAT MILK 1%	-0-	-0-	-0-	-0-	1,722	55,636	9,729	570,868	.0085	4,856
BUTTERMILK	43,139	-0-	17,864	1,177,305	64,001	1,867	8,875	2,982,951	.0134	39,849
SKIM MILK	191,160	-0-	-0-	288,635	1,382,742	4,510	58,556	7,064,052	.0028	19,896
CHOCOLATE LOW FAT MILK 2%	2,359,656	-0-	181,244	346,458	20,373	5,035	20,500	2,521,209	.0206	51,843
NUTRISH	-0-	-0-	-0-	-0-	39,591	-0-	-0-	170,637	.0200	3,420
CHOCOLATE DRINK	480	-0-	-0-	160	-0-	-0-	2,670	23,646	.0036	84
½ & ½ CREAM	-0-	-0-	1,719,473	259,570	-0-	-0-	-0-	2,392,597	.1144	273,715
WHIPPING CREAM	840,943	-0-	374,833	13,493	5,624	176	868	894,798	.3423	306,312
COMMERCIAL CREAM	-0-	-0-	455	80	-0-	253	519	7,170	.2506	1,797
STERILE ½&½	½oz.Pkg = 945,650		3/8oz.Pkg. = 959,335		1/3 oz.pkg. = 28,750			52,635	.1000	5,264
STERILE WHIP	6.5oz. Pkg =15,790		14oz Pkg.= 29,937		15oz.Pkg.= 5,040		½Prs.=30,060 Pts.=11,748 Qts.= 600	66,727	.2483	16,569
								200,460,767	.0278	5,566,488

*TOTAL CLASS I PACKAGED SALES IN MONTANA WERE 187,200,942 pounds of product and 5,216,588 Butterfat pounds; with with an average test of 2.79%; the rest of above were sold Out-Of-State.

CALENDAR YEAR 1981

BREAKDOWN OF CLASS II AND CLASS III PACKAGED IMPORTS

IMPORTED CLASS II AND CLASS III PACKAGED PRODUCTS, BY MONTANA AND OUT-OF-STATE DISTRIBUTORS

CLASS II:		MILK EQUIVALENTS	
PRODUCT	GALLONS	PRODUCT	BUTTERFAT
Ice Cream (All Frozen Mixes)	520,563	1,825,342	242,221
Ice Cream Mixes (All Liquid)	9,559	67,501	4,223
Novelties	167,610	594,762	27,471
TOTAL	697,732	2,487,605	273,915
	POUNDS		
Cottage Cheese	1,299,226	7,351,056	70,723
Sour Cream & Dips	351,978	351,978	70,396
Yogurt	2,009,598	2,009,598	43,452
TOTAL	3,660,802	9,712,632	184,571
	POUNDS		
CLASS III:			
Cheese	1,295	12,950	466
Butter	68,172	153,387	54,544
TOTAL CLASS III.	69,467	166,337	55,010
TOTAL For all CLass II and III Packaged IMPORTS:		12,366,574	513,496

BREAKDOWN OF CLASS II AND CLASS III PACKAGED EXPORTS
(BY MONTANA DISTRIBUTORS)

PRODUCTS	GALLONS	MILK EQUIVALENTS PRODUCT	BUTTERFAT
CLASS II			
Ice Cream (All Frozen Mixes)	110,789	388,620	50,319
Ice Cream Mixes (All Liquid)	12,070	85,349	4,378
Novelties	12,550	44,476	2,054
TOTAL	135,409	518,445	56,751
	POUNDS		
Cottage Cheese	376,935	2,123,394	20,714
Sour Cream	145,622	145,622	29,126
Yougart	111,966	111,966	2,239
TOTAL	634,523	2,380,982	52,079
PRODUCTS CLASS III:			
Butter	5	11	4
Cheddar Cheese	5	50	2
TOTAL CLASS III	10	61	6

TOTAL FOR ALL CLASS II AND CLASS III PACKAGED EXPORTS = 2,899,488 - 108,836

The Tables in this Report are a result of Audited Figures taken from Milk Processing Plants Records and accurately reflect Production and Sales of Fluid Milk in Montana for the Period Covered.

For more information, Write or Call:

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